

ABSTRACT OF THE DISCLOSURE

A fiber extrusion pack for extruding molten material to form an array of fibers includes a number of split distribution plates arranged in a stack such that each split distribution plate forms a layer within the fiber extrusion pack, and features on the split
5 distribution plates form a distribution network that delivers the molten material to orifices in the fiber extrusion pack. Each of the split distribution plates includes a set of plate segments with a gap disposed between adjacent plate segments. Adjacent edges of the plate segments are shaped to form reservoirs along the gap, and sealing plugs are disposed in the reservoirs to prevent the molten material from leaking from the gaps. The sealing plugs can be formed
10 by the molten material that leaks into the gap and collects and solidifies in the reservoirs or by placing a plugging material in the reservoirs at pack assembly.